

# PUBLIC NOTICE

**PERMIT APPLICATION:** NRS #05.340

**APPLICANT:** State of Tennessee  
Department of Transportation  
Environmental Planning and Permits Division  
Suite 900, J. K. Polk Bldg.  
505 Deaderick Street  
Nashville, TN 37243-0334  
615-253-2441

**LOCATION:** State Route 15 from SR-225 to SR-5  
McNairy County

**WATERSHED DESCRIPTION:** The Little Hatchie River watershed consists of numerous tributaries and wetlands. Land use is predominantly mixed residential and agriculture. Little Hatchie River is primarily silt /sand bottomed and varies in width approximately 28 to 40 feet wide with 6 – 8 foot banks. The existing vegetation along the channel is mixed herbaceous and hardwoods and wetlands.

**PROJECT DESCRIPTION:** The applicant proposes to widen State Route 15 along the current alignment from State Route 225 to State Route 5.

Station 10+540+/- to 10+635+/- (Rt); Sta. 10+564: Wetlands and unnamed tributary to Little Hatchie River. Permanent impact of 0.85 ac and temporary impact of 0.27 ac of wetlands. Existing open stream length of 470 ft. and 50 ft. of 10 ft. X 6 ft. culvert would be altered by installing 234 ft. of 2 @ 10 ft. X 6 ft. concrete box culvert and relocating 100 ft. including 46 ft. of riprap.

Station 10+603(Lt) to Sta. 10+621+/- (Lt): Spring channel. Proposed spring box and 194 ft. of 24 inch concrete pipe.

Station 20+120+/- (Lt) to Sta. 20+512+/- (Rt): Unnamed tributary to Rose Creek. Existing open stream is 1,303 ft. Applicant proposes 1,257 ft. of relocated channel including 54 ft. of riprap, plus 266 ft. of 60 inch concrete pipe at Sta. 20+495, plus 42 ft. of 60 inch side drain at Sta. 20+440(Lt), plus 46 ft. of 18 inch side drain at Sta. 20+371.169(Lt).

Station 20+080 (Sulphur Springs Road): Unnamed tributary to Rose Creek. Proposed 121 ft. of 60 inch concrete pipe.

Station 12+994+/- to Sta. 13+150+/- (Rt): Wetland. Permanent impact of 2.18 ac and temporary impact of 0.26 ac of wetlands.

Station 14+713+/- to Sta. 800+/-: Wetland. Permanent impact of 1.21 ac and temporary impact of 0.10 ac of wetlands.

Station 19+988+/- to Sta. 20+049+/-: Wetland. Permanent impact of 0.78 ac and temporary impact of 0.07 ac of wetlands.

Station 22+982+/- (Rt.) to Sta. 23+710+/- (Lt): Wetland and unnamed branch. Temporary impact of 0.65 ac of wetlands. Existing open stream length of 1,936 ft. and 67 ft. of 3 ft. X 3 ft. concrete box culvert at Sta. 22+982+/- plus 46 ft. of culvert at Sta. 23+120+/-, plus 26 ft. of 3 ft. concrete pipe culvert at Sta. 23+540+/- (Lt). Applicant proposes to relocate 1649 ft. of open stream and install 195 ft. of 42-inch concrete pipe at Sta. 22+989, plus 41 ft. of 30-inch concrete pipe at Sta. 23+320 (Lt), plus 197 ft. of 6 ft X 3 ft. concrete box culvert at Sta. 23+413+/- (Lt). And extend existing 118 ft of 4 ft. X 4 ft. box culvert by 22 ft.

Station 10+420(Lt): Unnamed tributary to Little Hatchie River. Proposed installation of 33 ft. of 18 inch metal pipe plus 15 ft. of endwall.

Station 12+140+/- (Lt) to Sta. 12+192+/- (Lt): Wetland. Temporary impacts to 0.34 ac of wetlands.

Station 12+318.30: Woodville Creek. Proposed 180 ft. 3-span concrete girder bridge and removal of existing bridge.

Station 12+560: Hamstring Creek. Proposed 154 ft. of 2-span concrete girder bridge and removal of the existing bridge. .

Station 13+237: Little Hatchie Creek. Proposed 303 ft. of 4 – span concrete girder bridge and removal of the existing bridge.

Station 14+630+/- (Lt) to Sta 14+663+/- (Lt); Sta. 14+673.50: Tributary to Rose Creek. Existing open stream is 240 ft. Proposed relocation of 180 ft. of stream and installation of 229 ft. of 3-span concrete girder bridge at Sta. 14+673.50 and removal of the existing bridge.

Station 15+567+/- (Rt) to Sta. 15+598+/- (Rt): Wetland. Permanent impact (fill) of 0.06 ac of wetlands.

Station 15+983+/- (Rt) to Sta. 16+200+/- (Rt): Wetlands. Permanent impact of 0.34 ac and temporary impact of 0.40 ac of wetlands.

Station 16+727+/- (Rt) to Sta 16+765+/- (Rt): Wetlands. Permanent impact of 0.21 ac and temporary impact of 0.02 ac of wetlands.

Station 16+804+/- to Sta. 16+842+/-: Wetlands. Permanent impact of 0.23 ac of wetlands.

Station 17+171+/- to Sta. 17+190+/-: Wetlands. Permanent impact of 0.12 ac of wetlands.

Station 17+190+/- to Sta. 17+221+/-: Wetlands. Permanent impact of 0.23 ac of wetlands.

Station 19+859: Unnamed Branch. Existing open stream is 240 ft. plus 36 ft. of 5 ft. X 3 ft. of concrete box culvert. Proposed relocation of 21 ft. of open channel plus 255 ft. of 54 inch concrete pipe.

Station 20+147: Rose Creek. Existing open stream is 282 ft. plus 45 ft. of 3 @ 12.5 ft. X 6 ft. box culvert. Proposed 101 ft. (including 14 ft. of riprap) plus 220 ft. of 3 @ 12 ft. X 5 ft. concrete box culvert.

Station 20+216+/- (Rt) to Sta. 20+455+/- (Lt): Wetlands. Permanent impact of 0.21 ac and temporary impact of 0.10 ac of wetlands.

Station 20+400+/- to Sta. 20+455+/-: Wetlands. Permanent impact of 0.43 ac and temporary impact of 0.06 ac of wetlands.

Station 21+301+/- (Rt) to Sta. 21+618+/- (Rt): Unnamed Branch. Existing open stream is 1,106 ft. Proposed relocation of 1,050 ft. of open stream channel.

Station 21+711.208: Unnamed Branch. Proposed 26 ft. of 6 ft. X 6 ft. concrete box culvert.

Station 21+822: Unnamed Branch. Proposed 162 ft. of 6 ft. X 6 ft. concrete box culvert plus 33 ft. of riprap at the culvert outlet.

Associated with this project is the installation of a 10-inch water line that would be covered under a general permit.

Standard erosion control devices would be used to prevent sediment from entering flowing water. Upon completion of the work, all disturbed areas would be stabilized. Debiting, at a 4:1 ratio, 27.44 acres of available wetland credit from the Obion Wetland Mitigation Bank, would mitigate permanent impacts to 6.86 acres of wetlands. Returning the affected area to original elevation and seeding with hydrophilic vegetation would mitigate temporary impacts to wetlands. Payment of \$289,200.00 to the Tennessee Stream Mitigation Program would mitigate for the encapsulation/loss of 1,418 feet of stream length and equivalent of 28 ft. of riprap.

**PERMIT COORDINATOR: Brian Canada**, STATE OF TENNESSEE, Department of Environment and Conservation Division of Water Pollution Control, 7<sup>th</sup> Floor, L&C Annex, 401 Church Street, Nashville, Tennessee 37243-1534

**USGS TOPOGRAPHIC QUADRANGLE: Purdy, TN (4-NE)**, Rose creek, TN (4-NW), Hornsby, TN(440-NE).

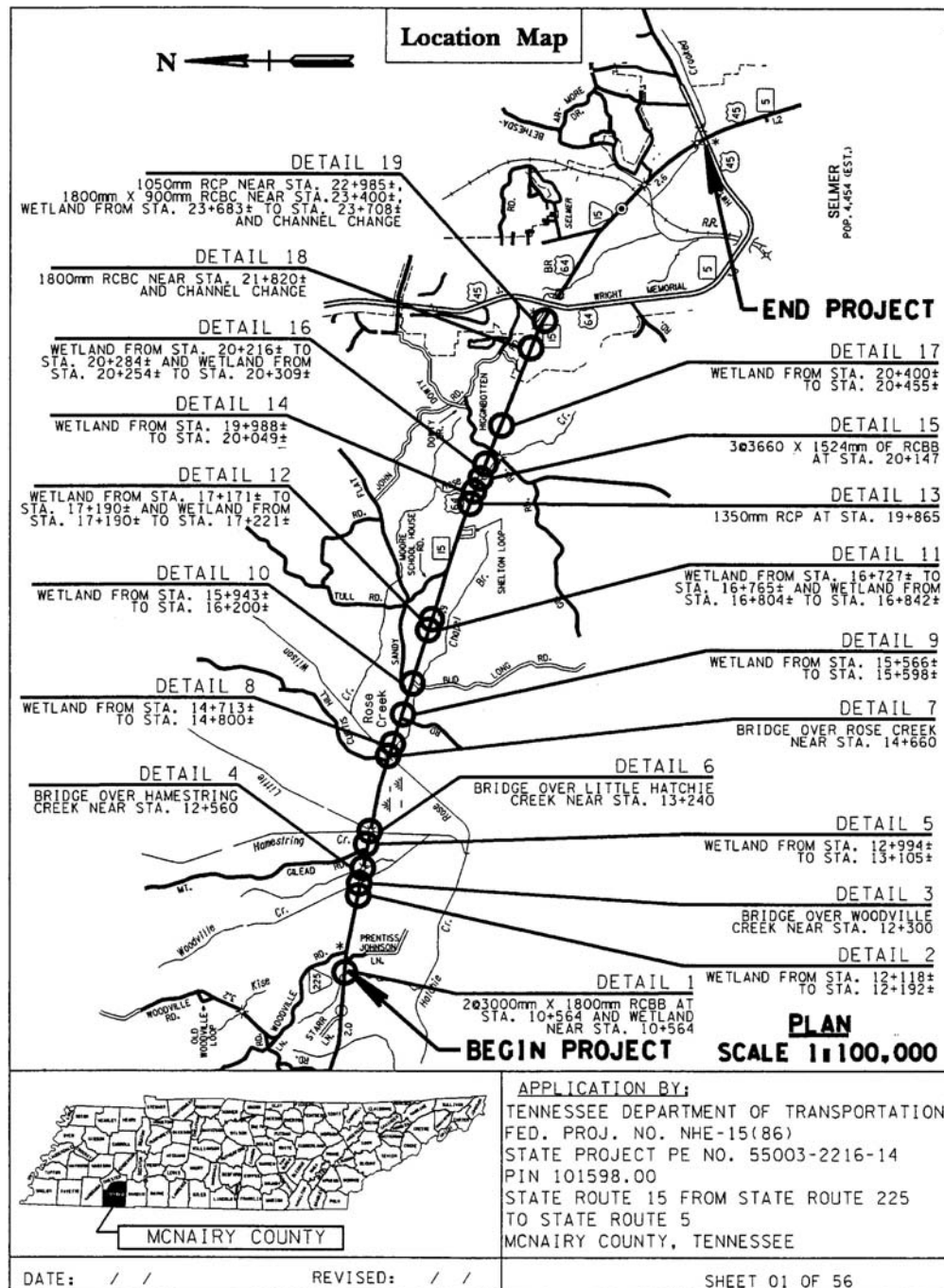
**TO WHOM IT MAY CONCERN:** The application described above has been submitted for an Aquatic Resource Alteration Permit pursuant to *The Tennessee Water Quality Control Act of 1977*, T.C.A. §69-3-108.

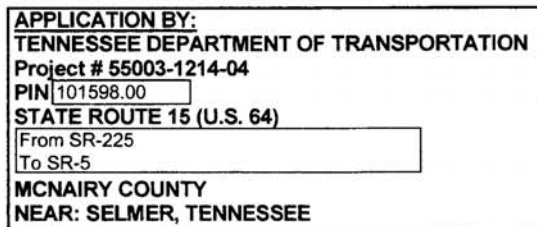
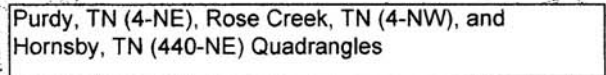
The purpose of this notice is to advise all concerned of the proposal for which a permit is sought, and to solicit comments and information necessary to evaluate the probable impact of the activities upon the respective water resources. The decision whether to issue or deny will in part be based upon that evaluation. All factors that may be relevant to the proposals will be considered.

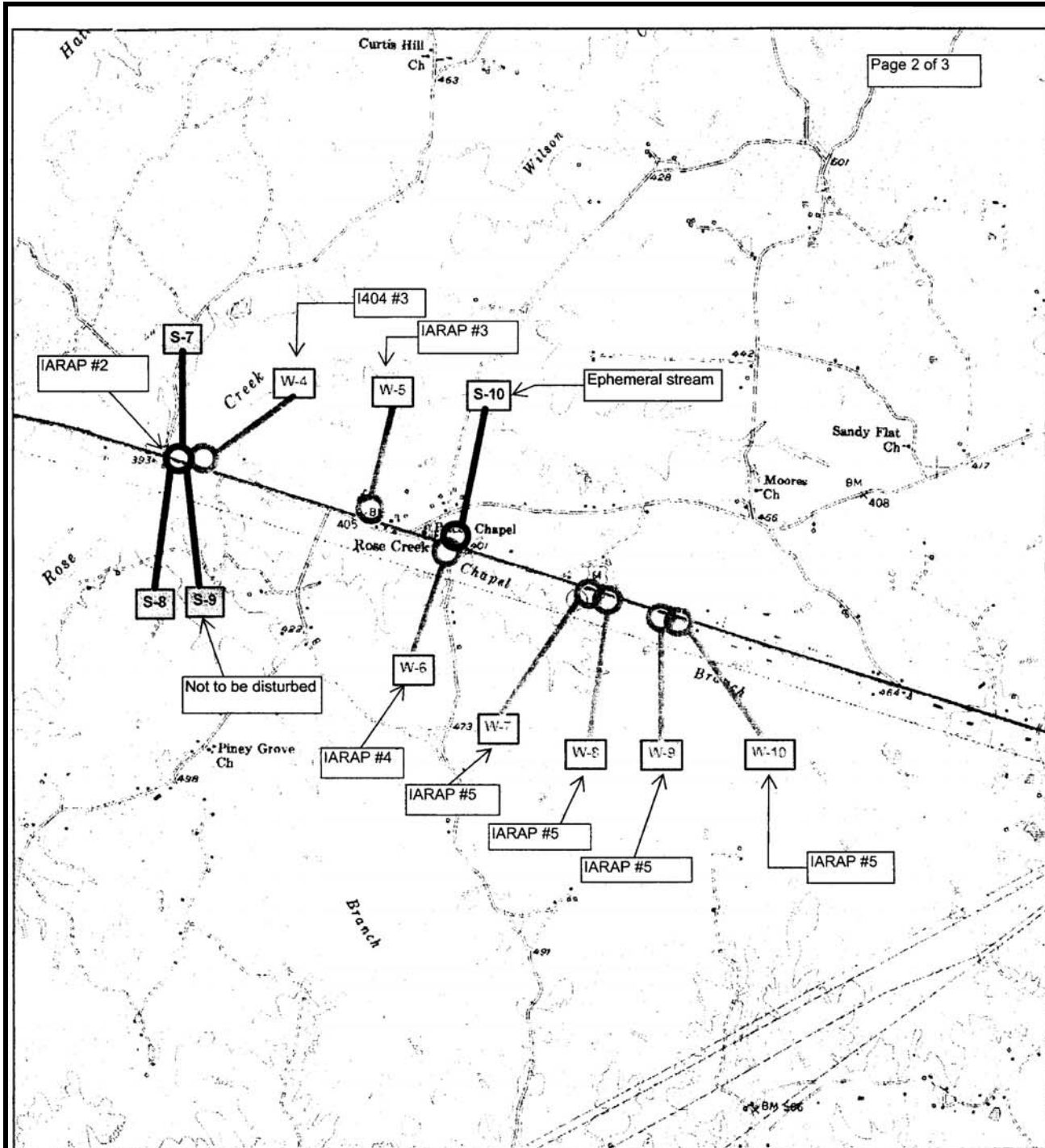
Persons wishing to comment on or object to the issuance of a proposed permit are invited to submit comments in writing to the Department of Environment and Conservation Division of Water Pollution Control at the address listed above. Written statements received in this office on or before the date of expiration of the comment period thirty days from the publication date of this notice will become part of the record and will be considered in the determination. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the director of the Division hold a public hearing on any application. The request must be filed within the comment period and must indicate the interest of the person requesting it, and the reasons that the hearing is warranted. When there is sufficient public interest, the director shall hold a hearing in accordance with Rule 1200-4-7-.04(4)(f).

After consideration of comments submitted during the public comment period, the hearing record if any, and the requirements of federal and State law, the director of the Division will make determinations regarding the final action on each permit. Permit applications, supporting documentation, and related comments are available for review and/or copying.





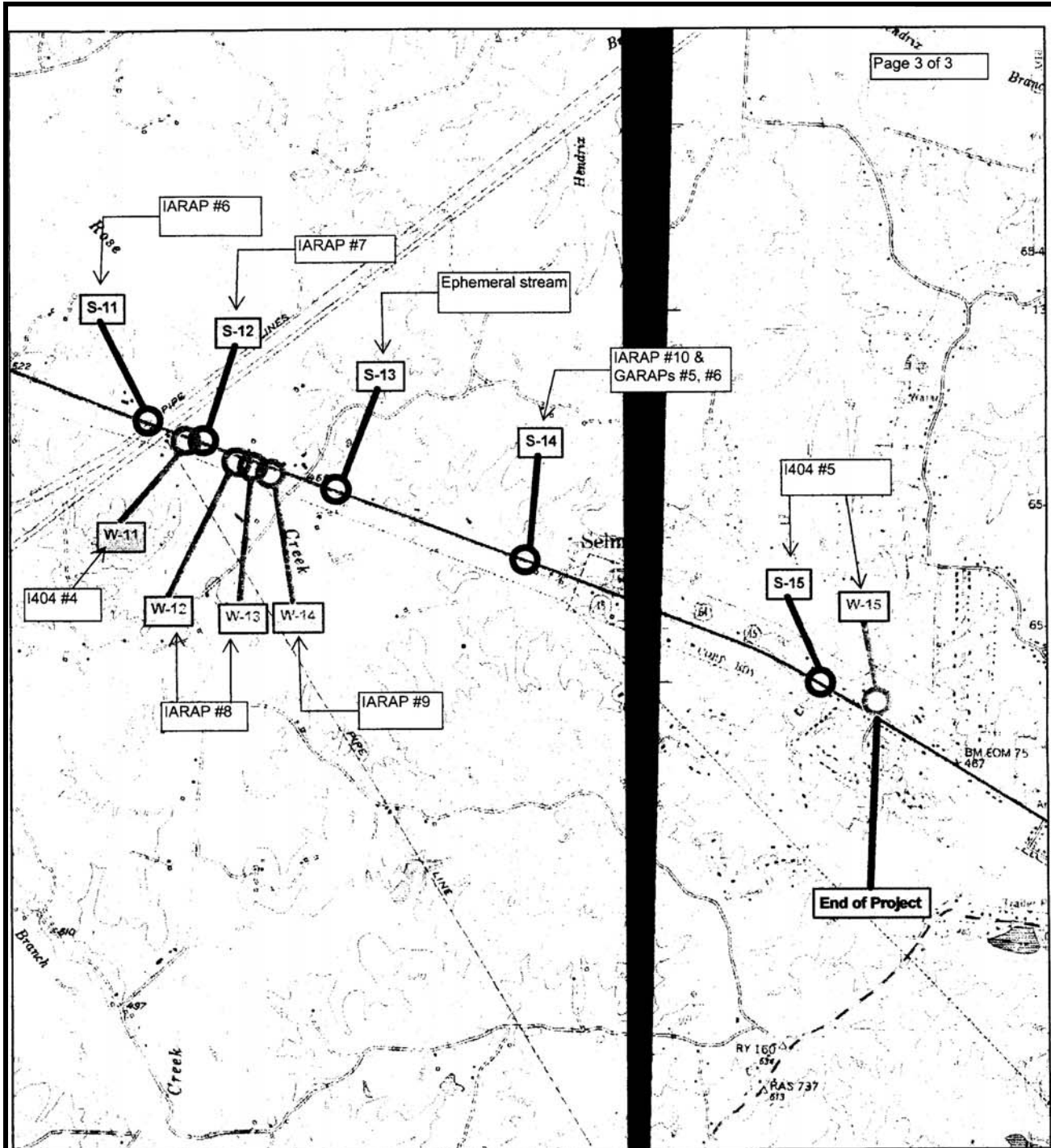


SCALE 1:24000

0 1000 2000 3000 4000 5000 ft

CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

**APPLICATION BY:**  
**TENNESSEE DEPARTMENT OF TRANSPORTATION**  
**Project # 55003-1214-04**  
**PIN 101598.00**  
**STATE ROUTE 15 (U.S. 64)**  
**From SR-225**  
**To SR-5**  
**MCNAIRY COUNTY**  
**NEAR: SELMER, TENNESSEE**



Page 3 of 3



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